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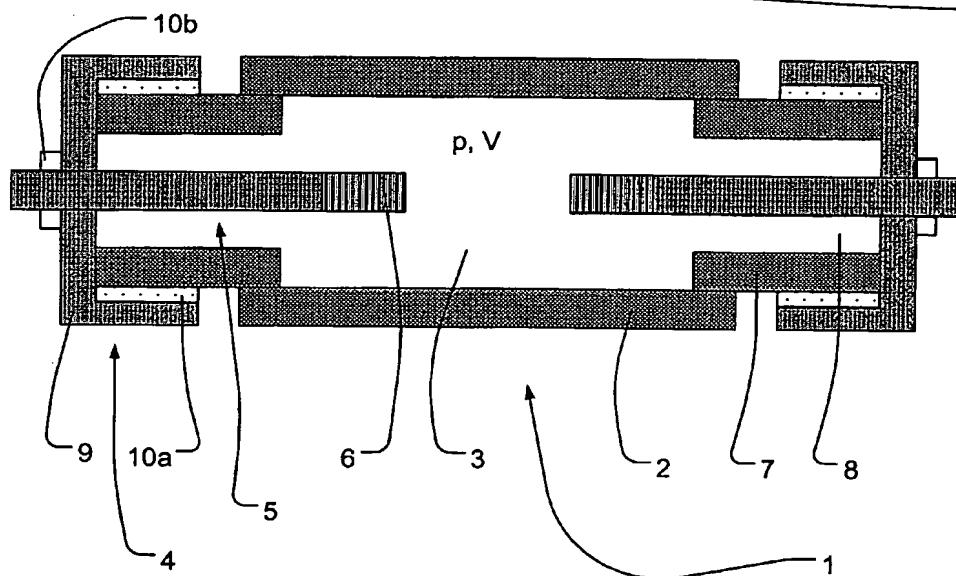
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(54) Title: HIGH-PRESSURE DISCHARGE LAMP, AND METHOD OF MANUFACTURE THEREOF



(57) Abstract: The present invention relates to a ceramic gas tight high-pressure burner (1) comprising an ionisable filling, a method of manufacturing said ceramic gas tight high-pressure burner (1), and a lamp comprising said ceramic gas tight high-pressure burner (1), whereby said ceramic gas tight high-pressure burner (1) comprises a discharge vessel (2) having a discharge cavity (3) with a volume in the range of 3 mm³ to 30 mm³, and an internal filling pressure of the discharge cavity (3) in the range from 0.1 MPa to 4 MPa at room temperature. Furthermore the present invention relates to an end closure construction designed as a three-part, a two-part or a one-part end closure device (4) with a reduced crevice (11).